

WHAT IS CLAIMED IS:

1.           A camera system having a portable device and a camera, said portable device comprising:
  - a receiver unit to receive image data photographed by the camera;
  - a writer unit to write the received image data in a memory medium;
  - a memory unit to store an ID for identification of the portable device; and
  - a transmitter unit to transmit the ID to the camera,said camera comprising:
  - a receiver unit to receive the ID from the portable device;
  - an image pick-up unit to start image pick-up operation when receiving the ID; and
  - a transmitter unit to transmit the photographed image data to the portable device.
2.           The camera system as set forth in claim 1, wherein a server is provided, said transmitter unit of the camera transmits said photographed image data and said ID to the server, and the server receives said image data and said ID from said camera and stores said data and ID as associated with each other.
3.           The camera system as set forth in claim 2, wherein a terminal apparatus is provided, said terminal apparatus includes an input unit to enter an ID for identifying said portable device, a transceiver unit to

transmit the entered ID to said server and to receive image data from said server, and an output unit to output the received image data, and said server includes a transceiver unit to receive the ID for identifying said portable device from the terminal apparatus and to transmit image data to the terminal apparatus, and a search unit to search for the image data on the basis of the received ID.

4.           The camera system as set forth in claim 2, wherein said server includes a transceiver unit to receive said ID and a password corresponding to the ID from a computer connected via a network and to transmit said image data corresponding to said ID via the network to the computer and an analyzer unit to analyze said ID and password and to judge whether or not to transmit said image data corresponding to said ID.

5.           The camera system as set forth in claim 2, wherein said camera includes a unit to generate other image data having a resolution lower than a resolution of said photographed image data and to transmit said photographed image data to said server and to transmit the other image data having the lower resolution to said portable device.

6.           A camera system having a portable device and a server, said portable device comprising:

              a memory unit to store an ID for identification of the portable device; and

              a transmitter unit to transmit the ID to the

camera,

said camera comprising:

a receiver unit to receive the ID from the portable device;

an image pick-up unit to start its image pick-up operation when receiving the ID; and

a transmitter unit to transmit the ID and the photographed image data to the server,

said server comprising:

a receiver unit to receive the ID and the image data from the camera;

a memory unit to store information indicative of the ID and a transmission destination of the image data corresponding to the ID; and

a transmitter unit to transmit the received image data to the transmission destination.

7. The camera system as set forth in claim 6, wherein said camera includes a memory unit to store said image data therein and, before transmitting said image data to said server, stores said image data in the memory unit and, after receiving a transmission permission from said server, transmits said image data to said server, and wherein said server issues the transmission permission to said camera according to predetermined conditions.

8. The camera system as set forth in claim 1, wherein said portable device includes a shutter unit which indicates timing to be photographed and transmits

said ID to said camera according to the indication of the timing to be photographed.

9. The camera system as set forth in claim 1, wherein said portable device transmits said ID to said camera at intervals of a constant time.

10. A portable device in a camera system having the portable device and a camera, comprising:

- a memory unit to store an ID for identification of the portable device;

- a transmitter unit to transmit the ID to the camera;

- a receiver unit to receive image data taken by the camera according to the ID; and

- a write unit to write the received image data in a memory medium.

11. A camera in a camera system having a portable device and the camera, comprising:

- a receiver unit to receive an ID for identification of the portable device;

- an image pick-up unit to start image pick-up operation when receiving the ID; and

- a transmitter unit to transmit the photographed image data in such a manner that the portable device writes the photographed image data in a memory medium.

12. A server in a camera system having a portable device, a camera and the server, comprising:

- a receiver unit to receive image data taken

by the camera and the ID according to an ID for identification of the portable device received from the portable device;

a memory unit to store the ID and information indicative of a transmission destination of the image data; and

a transmitter unit to transmit the received image data to the transmission destination.

13. An image pick-up method in a camera system having a portable device and a camera, comprising the steps of:

receiving an ID for identification of the portable device from the portable device;

starting image pick-up operation when the camera receives the ID; and

transmitting photographed image data from the camera to the portable device in such a manner that the portable device writes the photographed image data in a memory medium.

14. An image pick-up method in a camera system having a portable device, a camera and a server, comprising the steps of:

receiving an ID for identification of the portable device from the portable device by the camera;

starting an image pick-up operation of the camera when the camera receives the ID;

transmitting photographed image data to the portable device from the camera in such a manner that

the portable device writes the photographed image data in a memory medium;

transmitting the photographed image data and said data from the camera to the server;

receiving the image data transmitted from the camera by the server; and

storing the received image data and the ID as associated with each other in the server.

15. An image pick-up method in a camera system having a portable device, a camera and a server, comprising the steps of:

receiving an ID for identification of the portable device by the camera;

starting an image pick-up operation of the camera when receiving the ID;

transmitting the photographed image data and the ID from the camera to the server;

receiving the image data and the ID transmitted from the camera by the server; and

transmitting the received image data from the server to a transmission destination corresponding to the received ID.

16. The camera system as set forth in claim 6, wherein said portable device includes a shutter unit which indicates timing to be photographed and transmits said ID to said camera according to the indication of the timing to be photographed.

17. The camera system as set forth in claim 6,

wherein said portable device transmits said ID to said camera at intervals of a constant time.